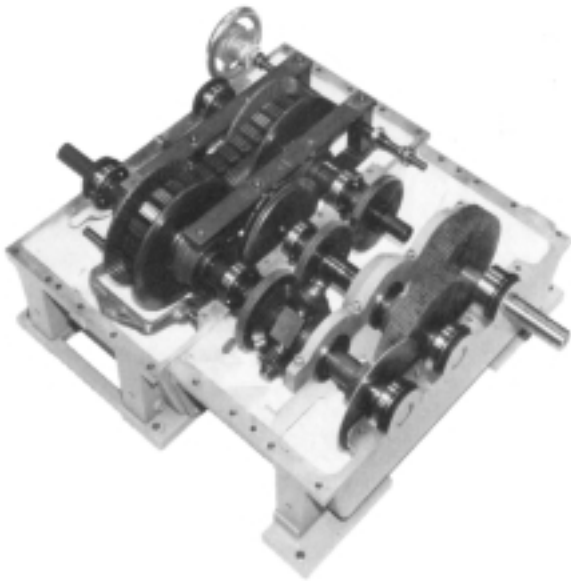




# FAIRCHILD



## MECHANICAL DIFFERENTIAL WIDE SPEED RANGE TRANSMISSION (MD)



### APPLICATIONS

Specon MD variable speed transmissions are complete units consisting of positive-drive variable speed mechanisms in combination with gear boxes which incorporate bevel gear differential assemblies. Applications include:

- Pump Drives
- Extractor Drives
- Machine Tool Drive
- Screw Conveyors
- Winder Drives

### FEATURES

- Smallest size to horsepower ratio of currently available power transmission devices;
- Entirely mechanical, of all metal construction;
- Uses unique non slip chain, anti friction bearings and high quality spur and bevel gearing;
- Integral design makes use of single or double reduction output gearing;
- Transmission contains no friction elements which can slip and wear;

### BENEFITS

- Conserves space in industrial processing or manufacturing plants.
- Suitable for operation in explosive atmospheres.
- Assures positive transmission of power.
- Eliminates additional reducers.
- Extends life of transmission.

## **GENERAL INFORMATION**

### **Styles**

There are shaft-to-shaft models, some with input gearheads to tailor speeds to specific applications. There are also styles with integral motors for prime-mover applications.

### **Types**

Type MDX (*low speed/low torque, high speed/high torque*)

Type MDY (*low speed/high torque, high speed/low torque*)

### **Assembly Arrangements**

There are numerous assemblies, each with its specific relative rotation characteristic.

#### **NOTE:**

The information for this Catalog 202 is being upgraded to electronic format and will be available soon. Please go to the Information Request section of this web site to order the latest printed revision.



**ISO 9002  
Certified**



**FAIRCHILD**  
INDUSTRIAL PRODUCTS COMPANY

3920 WEST POINT BLVD. WINSTON-SALEM, NC 27103-6708  
TEL 336-659-3400 FAX 336-659-9323

[www.fairchildproducts.com](http://www.fairchildproducts.com)



FM NO. 25571

